

ABSTRACT OF THE DISCLOSURE

In a CDMA protocol wireless telecommunication system that allows mixed use of single carrier terminals and multiple carrier terminals, a wireless telecommunication system that can improve the utilization efficiency of the frequencies is realized. A

5 wireless base station, single carrier terminals, multiple carrier terminals are provided, and the frequency channels are formed by a plurality of time slots, and the base station sets a preamble signal that indicates the terminal allocated to a time slot. At the same time, preamble signals for a plurality of frequency channels are transmitted nonsimultaneously.

The single carrier terminal receives the preamble signals by switching the plurality of
10 frequency channels transmitted from the wireless base station, and detects the received time slots based on the received preamble signal.